



20S Series Special-Shaped Varistor, Practical Zinc Oxide Lightning Protection Varistor

Our Product Introduction

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Basic Information

- Place of Origin: Dongguan China
- Brand Name: linkun
- Certification: CE / ROHS / UL / TUV / SGS
- Model Number: Metal Oxide Varistor
- Minimum Order Quantity: Negotiation
- Price: Negotiation
- Packaging Details: Export Package / Negotiation
- Delivery Time: Negotiation
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 24 million per year



Product Specification

- Features: Non-Polarity
- Application: Power Inverter / New Energy
- Temperature Coefficient: 0~-0.05%/°C
- Temp Range (°C): -40°C ~ +125°C
- Operating Temperature: -40°C ~ +125°C
- Material: Zinc Oxide
- Highlight: Stable MOV In Electronics,
70KA MOV In Electronics,
Practical Zinc Oxide Varistor

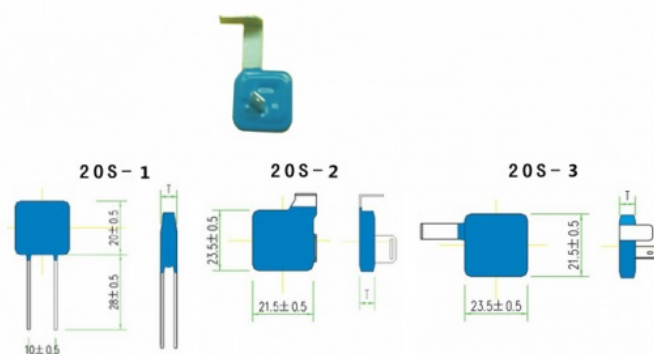


More Images



Product Description

20S Series Special-Shaped Varistor, Practical Zinc Oxide Lightning Protection Varistor



The varistor is a voltage limiting protection device. Utilizing the nonlinear characteristics of the varistor, when an overvoltage occurs between the two poles of the varistor, the varistor can clamp the voltage to a relatively fixed voltage value, thereby realizing the protection of the subsequent circuit. The main parameters of varistors are: varistor voltage, flow capacity, junction capacitance, response time, etc.

The response time of the varistor is ns level, which is faster than the gas discharge tube and slightly slower than the TVS tube. Generally, it is used for the overvoltage protection of electronic circuits and its response speed can meet the requirements. The junction capacitance of varistors is generally on the order of hundreds to thousands of Pf. In many cases, it is not suitable to be directly applied to the protection of high-frequency signal lines. When it is used in the protection of AC circuits, because its large junction capacitance will increase the leakage Current needs to be fully considered when designing the protection circuit. The flow capacity of the varistor is larger, but smaller than that of the gas discharge tube. The varistor, referred to as MOV, is a voltage-sensitive non-linear overvoltage protection semiconductor component.

Model Number	101K 121K 241K 271K 301K 361K 391K 431K 471K 511K 561K 621K 681K 751K
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Applications:

Varistors may be used in many applications, including:

- Computers
- Timers
- Amplifiers
- Oscilloscopes
- Medical analysis equipment
- Street lighting
- Tuners

Competitive Advantage:

Factory supply directly

Completed certificates such as UL,VDE,SGS,etc and high quality available

Quick delivery

Best after-sales services

OEM & ODM available

Specifications:

Part Number	Vac (V)	Vdc (V)	V1mA(V)	Ip(A)	Vac (V)	I(A)Standard	I(A)High Surge	(J)Standard	(J)High Surge	Rated power(W)	C@1KHz (pf)
20S180K(J)	11	14	18(15-21.6)	20	36	2000	3000	11	13	0.2	28500
20S220K(J)	14	18	22(19.5-26)	20	43	2000	3000	14	16	0.2	18500
20S270K(J)	17	22	27(24-31)	20	53	2000	3000	16	19	0.2	13000
20S330K(J)	20	26	33(29.5-36.5)	20	65	2000	3000	23	24	0.2	11500
20S390K(J)	25	31	39(35-43)	20	77	2000	3000	26	28	0.2	8500
20S470K(J)	30	38	47(42-52)	20	93	2000	3000	30	34	0.2	7400
20S560K(J)	35	45	56(50-62)	20	110	2000	3000	41	41	0.2	6500
20S680K(J)	40	56	68(61-75)	20	135	2000	3000	46	49	0.2	5800
20S820K(J)	50	65	82(74-90)	100	135	6500	10000	38	56	1.0	4900
20S101K(J)	60	85	100(90-110)	100	165	6500	10000	45	70	1.0	4000
20S121K(J)	75	100	120(108-132)	100	200	6500	10000	55	85	1.0	3300
20S151K(J)	95	125	150(135-165)	100	250	6500	10000	70	106	1.0	2700
20S181K(J)	115	150	180(162-198)	100	300	6500	10000	85	130	1.0	2200
20S201K(J)	130	170	200(180-220)	100	340	6500	10000	95	140	1.0	2000
20S221K(J)	140	180	220(198-242)	100	360	6500	10000	100	155	1.0	1800
20S241K(J)	150	200	240(216-264)	100	395	6500	10000	108	168	1.0	1650
20S271K(J)	175	225	270(243-297)	100	455	6500	10000	127	190	1.0	1500
20S301K(J)	190	250	300(270-330)	100	500	6500	10000	136	210	1.0	1300
20S331K(J)	210	275	330(297-363)	100	550	6500	10000	150	228	1.0	1200
20S361K(J)	230	300	360(324-396)	100	595	6500	10000	163	255	1.0	1100
20S391K(J)	250	320	390(351-429)	100	650	6500	10000	180	275	1.0	1000
20S431K(J)	275	350	430(387-473)	100	710	6500	10000	190	305	1.0	930
20S471K(J)	300	385	470(423-517)	100	775	6500	10000	220	350	1.0	850
20S511K(J)	320	415	510(459-561)	100	845	6500	10000	220	360	1.0	780
20S561K(J)	350	460	560(504-616)	100	925	6500	10000	220	380	1.0	710
20S621K(J)	385	505	620(558-682)	100	1025	6500	10000	220	390	1.0	650
20S681K(J)	420	560	680(612-748)	100	1120	6500	10000	230	400	1.0	600
20S751K(J)	460	615	750(675-825)	100	1240	6500	10000	255	420	1.0	530
20S781K(J)	485	640	780(702-858)	100	1290	6500	10000	265	440	1.0	510
20S821K(J)	510	670	820(738-902)	100	1355	6500	10000	282	460	1.0	500
20S911K(J)	550	745	910(819-1001)	100	1500	6500	10000	310	510	1.0	440
20S102K(J)	625	825	1000(900-1100)	100	1650	6500	10000	342	565	1.0	400

20S112 K(J)	680	895	1100(990- 1210)	10 0	181 5	6500	10000	383	620	1.0	360
20S122 K(J)	750	990	1200(1080- 1320)	10 0	198 0	6500	10000	408	660	1.0	350
20S142 K(J)	880	114 0	1400(1260- 1540)	10 0	231 0	6500	10000	532	784	1.0	340
20S162 K(J)	100 0	128 0	1600(1440- 1760)	10 0	264 0	6500	10000	606	896	1.0	330
20S182 K(J)	110 0	146 5	1800(1620- 1980)	10 0	297 0	6500	10000	625	990	1.0	320

Production Process / Quality Control



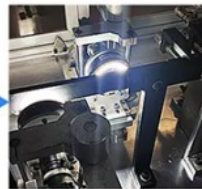
1. Lead Forming



2. The combination of
lead and chip



3. Soldering



4. Soldering Inspection



5. Epoxy Resin Coating



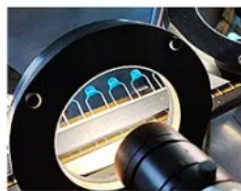
6. Baking



7. Laser Printing



8. Electrical Performance Test



9. Appearance Inspection



10. Lead Cutting or Pulling out

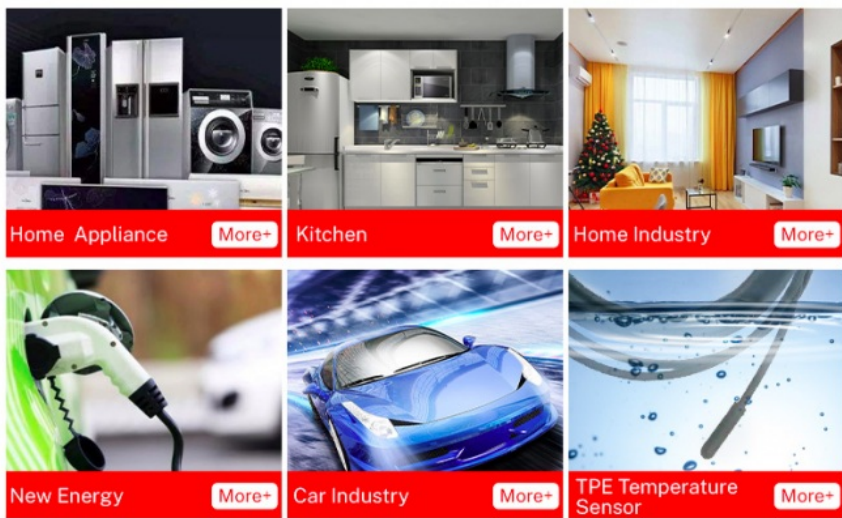


11. FQC and Packing

Application

1. Varistor voltage: refers to the voltage value across the varistor at a specified temperature and DC (generally 1mA or 0.1mA). Recorded as V1mA or V0.1mAo
2. Maximum continuous voltage: refers to the maximum effective value of sinusoidal AC voltage or the maximum DC voltage value that can be continuously applied to both ends of the varistor for a long time under the specified ambient temperature
3. Limiting voltage: refers to the maximum peak voltage at both ends of the varistor when a specified surge current (8,20μs) passes through it.
4. Rated power: refers to the maximum average impact power that can be applied to the varistor under the specified ambient temperature.
5. Maximum energy: the maximum impact energy that can be applied to the varistor under the condition that the varistor voltage does not change more than ±10% and the impulse current waveform is 10, 1000μs or 2ms.
6. Current capacity (maximum inrush current)

PRODUCT CATEGORIES



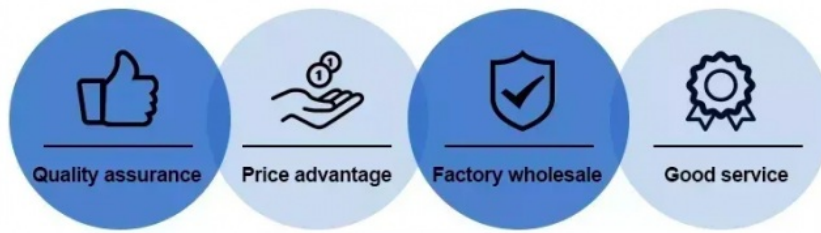
CERTIFICATES



OUR PARTNERS



Our advantage:



Dongguan Linkun Electronic Technology Co., Ltd.



13423305709



huangju@lk-ptc.com



lk-thermistor.com

Room 101, No. 21, Huayuanzai Road, Chongmei, Chashan Town, Dongguan City, Guangdong Province